**Syllabus 2023 – 2024**

**Course Title**: Honors Algebra II

**Instructor:** Tony Head **E-MAIL**: anthony.head@henry.k12.ga.us

**Available**: 3:15PM – 3:45PM (Unless there is a conflicting meeting occurring during this time)

**Course Description**: This is a 3rd year course in a sequence of courses designed to provide students with a rigorous program of study in mathematics. Concepts will be learned in multiple ways with students working collaboratively as well as independently to develop understanding. The course is designed to give students a real-world understanding of mathematics and covers such topics as:

Quadratic functions and equations Exponential and Logarithmic Functions

Polynomial operations and functions Mathematical Modeling and Applications

Rational and Radical Functions Inferences and Conclusions in Data

Linear Algebra and Matrices Trigonometry and the Unit Circle

**Classroom Expectations**:

* Be on time – when the bell rings be ready to work (if you are late, go to the Tardy Kiosk)
* Be prepared – come to class with required materials (see below) and completed homework
* Be involved – participate in class discussions and try all practice problems
* Be Respectful – courtesy should be given to everyone and everything in the classroom

**Materials suggested for this course:**

* **3-ring binder** (or whatever method the student most effectively organizes his/her papers).
* Writing Instruments (pencils or pens)
* **Notebook paper** or notebook. (Graph paper may be useful in later units).
* **Scientific Calculator** (Recommended: **TI 36X Pro (*this is the calculator I will use in class*)**

**Grading:**

**- Practice & Assessments- 80% of overall grade Semester Exam-20% of overall grade**

Practice Work will account for 40% of the overall semester grade, summative assessments will account for another 40% of the semester grade, and the semester exam will account for the remaining 20% of the semester grade.

**A = 90 – 100 B = 80 – 89 C = 74 – 79 D = 70 – 73 F = 69 or below**

**Classroom Procedures:**

 Daily Routine

 Enter room **before** bell rings and be seated (when the bell rings, the door will be closed and class begins)

 **CELL PHONES ARE PUT IN THE “CELL PHONE CADDY” AT THE FRONT OF THE ROOM**

 Complete daily warm up question(s)

 Address questions on practice problems

 Lesson/Activity presented

 Summarization/Wrap Up

 Leave (pack up) when **TEACHER** tells you;

 Stay at your desk until the bell rings; Do NOT line up at the door waiting for the bell

 Retrieve your cell phone from the cell-phone caddy as you exit the room

Bathroom / Hall Passes

This class will follow the guidelines that are noted for the “restroom pass” procedures for OHS.

***No passes allowed the first 15 minutes and last 15 minutes of the class period.***

 Technology Use

 There will be times when student use of technology (other than calculators) will be an integral part

of the classroom activities. During instruction and activity times, students should use their **SCHOOL- PROVIDED Chromebook** for the assignment (NOT THEIR CELL PHONE)

 Attendance

 Attendance is extremely important. When you are absent, you have the same number of days that you were absent to make up an assignment or test (absent 3 days = 3 days to make up work). The STUDENT is responsible to arrange the make-up of a test or for securing the notes from missed class days. ***Class time will NOT be spent getting a student caught up*** if it interferes with instructional time.

**Tutoring/Extra Help:**

Teachers are available to help students and answer questions. PLEASE see a math teacher as soon as you start having trouble (**don’t wait until the last minute**). My OHS teacher webpage and Henry County websites also have resources that may be helpful with understanding the material. **STUDY HALL MATH TUTORING is available EACH DAY during 4th period STUDY HALL in Room 125 with Ms. Coons**. This is an excellent opportunity for students to get extra help on assignments without having to come in to school early or staying late.

**Mr. Head’s “pet peeves” (knowing what pleases or frustrates your teacher is important!)**

* Use of technology in the classroom for “Non-academic” purposes is a “NO-NO”.
* Students packing up early is a “NO-NO”; we work until directed to stop working by a TEACHER. There will be some days when we do finish early and you will be allowed to pack up and talk quietly.
* Be in the class and seated when the tardy bell rings! If you are late for class, make sure you have a pass from the teacher that caused you to be late. I do not email teachers to verify that there is a reason for you being late. If you are late, go to the Tardy Kiosk to receive a pass to class.
* There is homework on MOST days. I do try to keep it manageable, but **expect 20-30 minutes of homework daily**.  **YOU** have signed up for an HONORS class. There is an **expectation that you are willing to work in class AND out of class!!!**

**Note from Mr. Head**: I love mathematics, and I love seeing students learn mathematical concepts. My commitment to you is to be prepared daily, display my enthusiasm for math, and to treat you fairly and with respect.

My expectation for you is the very same!!!